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US PATENT & TRADEMARK OFFICE
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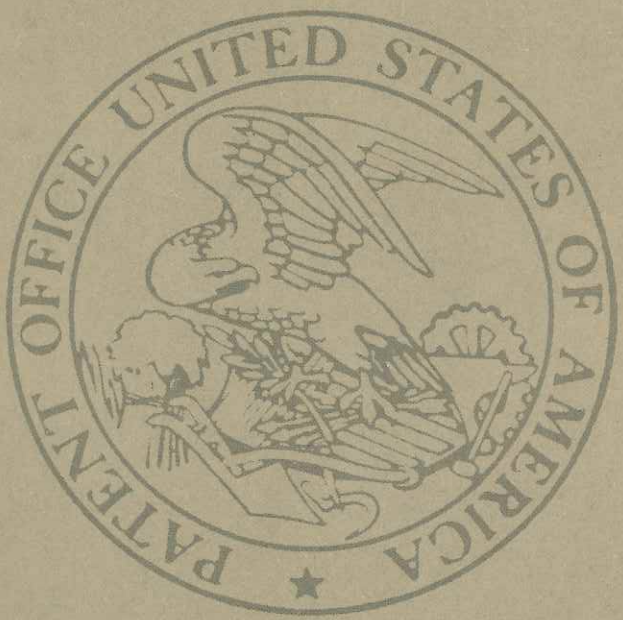
COMMISSIONER OF PATENTS ANNUAL REPORT FISCAL YEAR 1968



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DEPARTMENT OF COMMERCE/PATENT OFFICE

COMMISSIONER OF PATENTS ANNUAL REPORT FISCAL YEAR 1968

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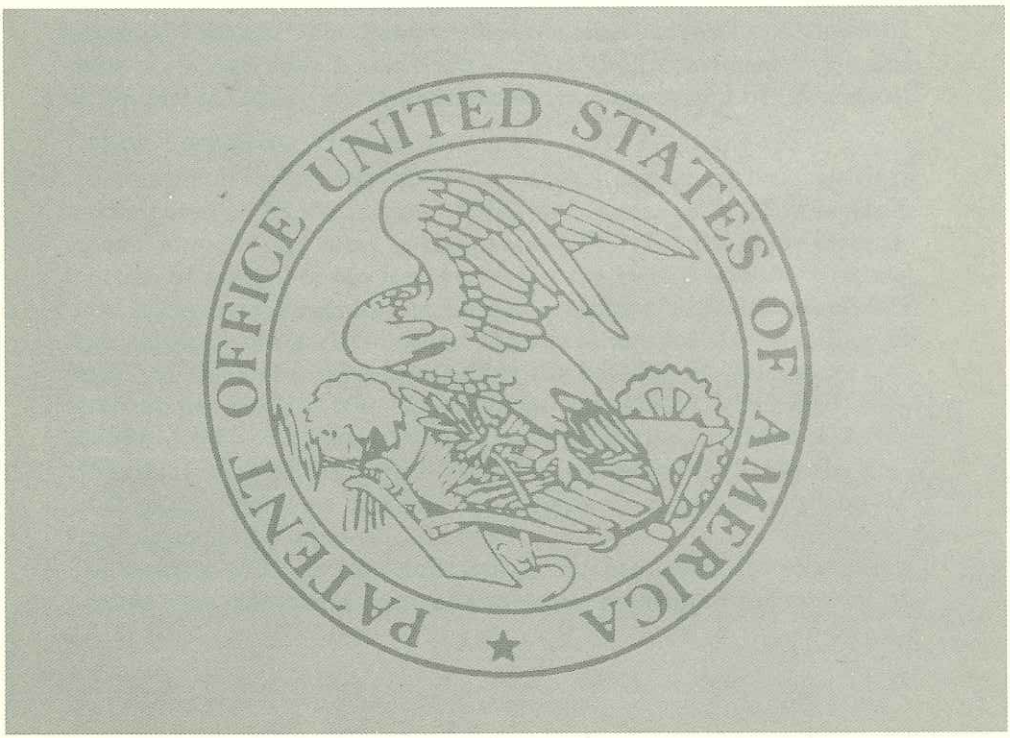

U.S. DEPARTMENT OF COMMERCE/PATENT OFFICE

U.S. DEPARTMENT OF COMMERCE
C. R. Smith, Secretary

PATENT OFFICE
Edward J. Brenner, Commissioner

1968

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402—Price 25 cents

Commissioner's Annual Report
Fiscal Year 1968

Functions

The Patent Office administers the patent laws enacted by Congress in accordance with Article I, Section 8, of the Constitution, and the Federal trademark laws. In discharging its duties relating to patents, the Office examines applications and grants patents when applicants are entitled to them under the law; it publishes and disseminates patent information, records assignments of patents, maintains search files of U.S. and foreign patents and a Patent Search Center for public use, and supplies copies of patents and official records to the public. Similar functions are performed relating to trademarks.

The Patent Office as a distinct bureau may be said to date from the year 1802 when a specific official in the Department of State was placed in charge of patents and became known as "Superintendent of Patents." The revision of the patent laws enacted in 1836 reorganized the Patent Office and designated the official in charge as the "Commissioner of Patents." The Patent Office remained in the Department of State until 1849 when it was transferred to the Department of the Interior, and in 1925 it was transferred to the Department of Commerce.

Patent Examining Operations

During fiscal year 1968, there were 90,663 patent applications filed as compared to 88,508 in fiscal 1967, an increase of 2,155. Disposals amounted to 101,512 cases, as compared to 96,811 in the prior year, an increase of 4,701. For the first 4 years of the Patent Office's "Streamlined Examining Program," an annual average of 98,000 disposals has been achieved as compared to the 77,500 average for the preceding 10 years. At the end of fiscal year 1968 the backlog of pending patent applications was 189,909 (lowest since May 1954), compared with 200,739 at the end of the previous year, a reduction of 10,830 cases. In 1968, there were 61,851 patents issued as compared to 70,310 the previous year, a decrease of 8,459 due largely to a temporary delay in printing some of the patents allowed.

A number of steps were initiated to further speed the examining process. One involved a change in the rules relating to the method of

making amendments which has reduced considerably the effort required in connection with the entry of amendments, and has helped to reduce the workload of the clerical groups.

A new defensive publication program became effective to save time and expense of patent prosecution for an applicant interested in patenting for defensive purposes only. The program is also designed to spare the Office the time and expense required to search and examine such applications.

During the year, the commencement of the use of abstracts in the *Official Gazette* in lieu of claims began and a new publication, *Patent Abstracts Section of the Official Gazette*, was initiated.

Guidelines for disclosures of utility in drug or pharmaceutical cases were also published.

The quality audit program on patents, initiated last year, has continued in full operation. The amount of data obtained now permits evaluation of quality at the art unit level. The audit of patent abstracts was added to the program this year. It is the Office's continuing goal to publish abstracts of sufficient quality to meet the needs of all those interested in patents, including the patent bar, businessmen, scientists, and engineers.

During fiscal 1968, the opportunity was increased for patent examiners to obtain partial or full signatory authority at a rate commensurate with their ability to handle increased responsibility. The possibility of attaining such authority within approximately 6 years after joining the Patent Office increases the attraction, motivation, and retention of good examiners, reducing the turnover of such personnel. Attrition of examiners during the past year was the lowest in nearly a decade.

Patent Services

To minimize inconvenience to the public, new procedures were instituted in the Issue and Gazette Branch of the Office of Patent Services for insertion of certificates of correction in patented files. Previously, patented files were retained in the Issue and Gazette Branch until the date the certificates had been reached; however, this procedure has been eliminated and files are returned to the Record Room as soon as possible to facilitate accessibility by the public.

The Weekly Issue Section is now receiving from the printing contractor with drawings and specifications already collated. The Government Printing Office sends the printed specifications to the contractor where they are matched up with the printed drawings. This procedure makes it possible for the Section to receive completely prepared drawings and specifications resulting in faster distribution and more current public and examiner search files.

During the year, the Reference Order Section microfilmed 398,722 pages of foreign patents and publications, processed 427,788 U.S. patent references, and mailed 113,665 Office Actions. This was an increase of 44,246 pages microfilmed, 59,798 U.S. patents ordered, and 17,065 Office Actions over the workload last year.

The patent copy fulfillment system initiated in fiscal 1967 is now approaching the final stages of implementation and will be fully operational by 1969. This system will enable the Patent Office to produce paper copies of patents from microform on demand. The cost of supplying patent copies will be reduced and significant improvements in serving the public will be achieved. The conversion of the search files in the Public Search Room and Patent Examining Corps to microform aperture cards will be completed around 1971–72. When the conversion is achieved, all searching will be by use of aperture cards and microform viewers.

The Office of Patent Services was reorganized in fiscal 1968 into three divisions with a manager responsible for each. Each division comprises branch level operations divided as follows: Patent Office Search Center, consisting of General Reference Branch, Translating and Foreign Patent Processing Branch, and Patent Reference Branch; Application Services Division, consisting of Application Branch, Assignment Branch, Issue and Gazette Branch, and Drafting Branch; and Copy Services Division, consisting of Patent Copy Sales Branch, Document Services Branch, and Examining Support Branch.

Patent Documentation

The Patent Office will shortly commence the placement of International Patent Classification symbols on newly issuing U.S. patents. The development of a concordance between the U.S. patent classification and the IPC has been completed in connection with the International Patent Classification symbols, as well as a concordance for expediting the routing of incoming foreign patents received by the U.S. Patent Office to the examiner search files.

During fiscal 1968, a pilot program was initiated to evaluate the operation of patent documentation units attached to three of the patent examining groups—one each in chemical, electrical and mechanical examining. The program is directed to obtaining first-hand information as to possible operational and organizational changes to provide a closer and more efficient working relationship between patent documentation and patent examining.

The patent documentation groups reclassified 81,000 original patents during the year, as compared with 43,000 the previous year. Completed in this year's activities were four major reclassification projects and the establishment of new classes: 337 Electricity, Electrothermally or

Thermally Actuated Switches; 401 Coating Implements with Material Supply; 431 Combustion; and 424 Drugs, Bio-Affecting and Body Treating Compositions.

During the year, the Ad Hoc Committee on Patent Documentation, appointed by the Secretary of Commerce upon the recommendation of the President's Commission on the Patent System, completed its studies and issued a final report. Among the recommendations of the Committee were: increased efforts to provide better funding, long-range planning, continuity of management, and the development of sophisticated management tools in the Patent Office; improvement in the format of the patent document and close review and control of the quality of the patent search and documentation operations; and closer collaboration in the field of patent documentation between the Patent Office and outside groups, including other government agencies and private enterprise, both in the United States and internationally.

Progress continued during the year in several research and development projects in mechanized search and retrieval. Some projects ready for production indexing were transferred from R. & D. responsibility to that of the documentation groups.

Patent Appeals and Interferences

The Board of Patent Appeals received 7,775 appeals, including 415 petitions for reconsideration, as compared with 10,916 appeals in the preceding year, a decrease of 3,141. The Board rendered 3,358 decisions, including 464 petitions for reconsideration; 1,435 appeals were dismissed, mainly for failure to file a brief, and 4,120 appeals were withdrawn by appellants. The number of appeals on hand including reconsiderations was 3,190 compared with 4,336 the previous year, a reduction of 1,146.

Projected for the end of fiscal year 1969 is a reduction in the appeal docket to 2,500.

The number of interferences declared was 482, as compared with 477 the previous year. There were 615 interferences terminated as compared with 652 the previous year. The number of pending interferences as of the end of the fiscal year was 882, compared with 1,104 the previous year, a decrease of 222. For the first time in more than a decade the number of pending interferences was less than 1,000 cases. A number of members of the Board of Appeals assisted as acting members of the Board of Patent Interferences to reduce the backlog and to gain experience preparatory to an anticipated merger of the Board of Appeals and the Board of Interferences.

Trademark Examining Operations

During the past fiscal year, progress was made in reducing the time required in reaching pending applications for registration although

the backlog was not reduced. Average time for acting on new applications had been reduced by the end of the year from 10 to 8 months.

Applications for registration filed totaled 28,292, an increase of 664 over the previous year. Applications on file at the end of the year were 39,019, an increase of 1,562 over the 37,457 inventory at the end of the previous year. These figures do not include applications for renewal or applications for publication under the provisions of section 12(c) of the Trademark Act of 1946.

Disposals amounted to 27,358, consisting of 21,499 marks registered on the Principal Register and Supplemental Register and 5,859 applications which were abandoned.

The number of registered marks published under the provisions of section 12(c) continued to decline and totaled 290, as compared with 403 the previous year. There were 3,726 registrations renewed under the provisions of section 9.

Under the provisions of section 7, 96 new certificates were issued to assignees of registered marks; 105 registrations were surrendered by the owners; 257 registrations were amended and 241 registrations were allowed to be corrected due to mistakes occurring through the fault of the applicant for registration.

Although the number of marks published for opposition rose to 22,513, there was a significant decrease in the number of oppositions filed from 1,214 to 1,033. Ninety-one interference proceedings were instituted. There were 2,004 requests for extension of time for filing an opposition.

Digests of current assignments were entered in 18,611 trademark registration files, and eventually all files will contain a complete record of assignments.

Beginning with the March 5, 1968 issue of the *Official Gazette*, the publication of trademarks for opposition under the provisions of section 12(a) of the Trademark Act, registrations issued on the Supplemental Register and renewals, with the exception of certification and collective membership marks, have been marked with the International Classification number in addition to the U.S. designation. Approximately 70 nations now use the International Classification of Goods and Services to which trademarks are applied.

Trademark Trial and Appeal Board

The Trademark Trial and Appeal Board has appelate jurisdiction over the decisions of the examiners of trademarks refusing registration of an applicant's trademark, and original jurisdiction to hear and decide adversary proceedings arising under the Trademark Act of 1946. The Act provides for four types of adversary proceedings: interferences, oppositions, cancellations, and concurrent use proceedings.

During the past year 575 cases were decided by the four-member board after a hearing, 391 of which were adversary proceedings and 184 ex parte appeals. With the assistance of two attorney-examiners the Board disposed of 1,145 adversary proceedings during the interlocutory stages and 140 ex parte appeals prior to a hearing. There were 1,535 adversary proceedings and 164 ex parte appeals pending at the end of the fiscal year.

The total of 575 final decisions written in adversary proceedings and ex parte appeals during the past year is the largest number of final decisions written by any four members of the Board since its inception in 1958.

Patent Office Academy

During the year, 207 Patent Office examiners completed the basic course of the Patent Office Academy's training program. Twenty-six non-Patent Office personnel participated, of whom 18 were U.S. citizens and 8 were from foreign countries. The majority of the foreign participants were from Japan. Completing the advanced course in patent examining practice and procedure were 129 Patent Office examiners, 11 U.S. non-Patent Office personnel, and 8 participants from foreign countries.

Patent Legislation

Additional hearings were held on the Administration-sponsored "Patent Reform Act of 1967" which would accomplish the first major revision of the U.S. patent laws in more than 130 years. The proposed legislation is based on recommendations contained in the report of the President's Commission on the U.S. Patent System submitted to the President on November 7, 1966.

Several patent bills were introduced during fiscal year 1968 on behalf of groups in the private sector as alternatives and supplements to the Patent Reform Act. Senator Dirksen on October 30, 1967, introduced S. 2597, which was sponsored principally by the American Bar Association and represented the most significant and widely accepted alternative to the Administration's bill.

On January 24, 1968, Assistant Secretary of Commerce for Science and Technology John F. Kincaid indicated that some modifications accommodating the constructive counterproposals of the private sector would be acceptable to the Administration, provided they were consistent with the basic aims of the President's Commission. One proposal found acceptable by the Administration was a modification of the first-to-file system as incorporated in the Patent Reform Act. Other changes stated to be acceptable included retention of the one-year grace period in lieu of the proposed preliminary application practice, and alteration of the universal prior art standard.

Testifying before the Patent, Trademark and Copyright Subcommittee of the Senate Judiciary Committee on January 30, Under Secretary of Commerce Howard J. Samuels and Commissioner of Patents Edward J. Brenner suggested further modifications of the Administration position. They also urged adoption of constructive alternatives before Subcommittee No. 3 of the House Judiciary Committee on February 28.

Subsequently, Senator John B. McClellan, Chairman of the Senate Subcommittee on Patents, Trademarks and Copyrights, directed the printing of a proposed substitute for the Patent Reform Act to be used by the Senate Subcommittee. The Subcommittee print, in addition to representing the Senator's judgment of a sound patent revision bill, served as a basis for continuing discussion between the Administration and the private sector. Both the Administration and interested members of the private sector offered their views on the proposed substitute.

After reviewing comments received, Senator McClellan introduced a new patent revision bill (S. 3892) aimed at arriving at a bill that might receive general support. In introducing this bill, the Chairman mentioned his agreement with the private sector to have no bill reported by the Subcommittee during the 90th Congress, but stated his intention to introduce a successor bill in the 91st Congress.

Legal Affairs

During the year, the unauthorized practitioner statute (35 USC 33) was held to be ambiguous by the U.S. Court of Appeals for the District of Columbia Circuit, and unambiguous by the Court of Appeals for the Second Circuit (New York). These decisions are significant because they are the first to test fully the criminal provisions of the law. It is expected that the conflict may be resolved by the Supreme Court in fiscal 1969.

Revision and updating of the records maintained by the Committee on Enrollment on some 8,600 individual attorneys and agents registered to practice before the U.S. Patent Office was completed. In addition, one examination for registration of attorneys and agents was held in which approximately 420 applications and examination papers were processed.

International Activity

The United International Bureaux for the Protection of Intellectual Property (BIRPI) released on May 31, 1967, a draft of a proposed Patent Cooperation Treaty designed to increase international cooperation in the protection of inventions. The draft proposed a comprehensive plan designed to eliminate two of the major problems inherent

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in the present world patent system: (1) the difficulties faced by applicants filing in foreign countries resulting from differences in the substantive and formal requirements of patent applications; and (2) the unnecessary and duplicative efforts expended by national patent offices in checking formalities, establishing searches, and otherwise examining corresponding applications filed in more than one country.

A meeting of a "Committee of Experts" was held in Geneva from October 2 to 10, 1967, to consider the proposed treaty. Commissioner of Patents Edward J. Brenner and Assistant Commissioner Gerald D. O'Brien, as members of the U.S. delegation, attended this meeting at which 23 nations and several intergovernmental and nongovernmental organizations were represented.

In addition, during the first 6 months of 1968 numerous consultations occurred with a view to preparing a revised draft for further consideration.

As a result of these meetings, BIRPI prepared a new draft of the treaty and the first full draft of the PCT Regulations which were then submitted to representatives of the six nations having the greatest number of patent applications and to the International Patent Institute. Suggestions made during a meeting of these representatives, June 25–27, will result in a few amendments to the proposed treaty. The amended draft will be released on July 15, 1968.

It is planned that briefing conferences will be held this Fall in several major cities of the U.S. with interested members of both the patent and business communities. Comments generated by these conferences and from other contacts with bar and business groups will be of great assistance in U.S. preparation for participation in the final meeting of the "Committee of Experts" scheduled for December 1968.

Other international activities included continuing search exchange programs with the patent offices of France, the Federal Republic of Germany, and the Philippines. A number of trial search exchange programs are underway with the patent offices of Austria, Czechoslovakia, Japan, and Switzerland, and a joint study program has been initiated with the Swedish patent office.

A foreign professional training program was started this year in cooperation with the patent offices in six other countries and the International Patent Institute at The Hague. Examiners from the U.S. Patent Office visited for two months in the patent offices of Canada, England, Sweden, West Germany, Japan, and the Netherlands, as well as the International Patent Institute. Representatives of the patent offices of Canada, England, Japan, and the Netherlands visited the U.S. Patent Office.

Under the sponsorship of the United International Bureaux for the Protection of Intellectual Property and the Agency for Interna-

tional Development, the Patent Office provides a program of technical assistance for officials of developing countries who are working in the field of the protection of industrial property. Last year officials of Kenya and India participated in this program.

Patent Office officials concerned with documentation visited the Russian patent office in Moscow to acquaint themselves with the systems used in that country.

The Patent Office proposed that the ICIREPAT (International Cooperaiton in Information Retrieval Among Examing Patent Offices) committee be established as a Committee of Experts under the direction of the United International Bureaux for the Protection of Intellectual Property and offered to lend personnel to perform the functions of the Executive Secretariat for a period of up to two years.

On March 5, 1968, the Patent Office began indicating the International Class for all trademarks and service marks published for opposition, and the International Classification of Goods and Services has been adopted as a subsidiary system. In addition, steps are being taken leading to possible U.S. adherence to the Agreement of Nice concerning International Classification of Goods and Services to which trademarks are applied.

Research and Development

Work in various stages of advancement continued on both U.S. Patent Office and ICIREPAT (International Cooperation in Information Retrieval Among Examining Patent Offices) mechanized information retrieval projects including steriod compounds, azo compounds, glass technology, ceramics, fluidics, automatic telephony, analog-digital converters, and lasers-masers.

A file augmentation project was initiated which seeks to identify remotely located documents pertinent to an examiner's central subclass by virtue of cross-reference relationships. Some of the computer programs necessary were generated.

Another project is the CLIPS (Coincident Light Information Photographic Sheets) which seeks to combine microfilm techniques with punch card peek-a-boo techniques. Examiners will manipulate microfilm cards to identify patents as prior art using conventional peek-a-boo techiques. Use of microfilm allows a multiple number of punch cards to be used simultaneously whereby a larger file may be searched by peek-a-boo technique without tedious repetitive manual operations. Initial photographic experiments have been conducted, and creation of a peek-a-boo deck of the transistor file is now in the process.

A Honeywell 1200 computer system was installed in the Office during the year. It consists of a central processing unit with 32 K core

storage, 6 tape drives, a random access drum storage, a card reader, a card punch, a punched paper tape reader and printer. Conversion of data processing applications on punched card equipment and other computers to the Honeywell 1200 was started, as was retraining of personnel for a computer-based ADP operation.

The Office plans to store all available data bases (both in-house and ICIREPAT) on the computer for information retrieval searches for the examiners. Access will be by data link from a remote console located in selected examining units where mechanized retrieval systems are now used. Input programs have been prepared and debugged, and search routines are now in the process of final debugging. While search will be slow initially, since magnetic tape is used, the addition of disc capability in fiscal year 1969 is expected to reduce access time. Batch processing is planned initially with trials of on-line operation from the remote console during selected periods of the day.

In the development of the Patent Copy Document System, the Office monitored contract output of 3,350,000 U.S. patents on master 35 mm roll film and 700,000 film cards for internal production of patent copies. Filing equipment for storage and retrieval of the film cards to be used for production of patent copies was procured. Prototype semi-automatic aperture card search readers were contracted for, to be delivered in the summer of 1969.

The Office participated in obtaining an international agreement on the use of the mil–D specification aperture card in 8-up format as a dissemination microform.

Various support functions were rendered to other Patent Office operations by the Research and Development organization.

Operating Cost and Income

The Patent Office appropriation for fiscal year 1968 was $39,000,000, comprised of the regular appropriation of $38,200,000 and a supplemental appropriation of $800,000 for increased pay act costs. Adjusting amounts appropriated for transfer to GSA for rental of space ($140,000) and transfer of audit activities ($38,000) results in new obligational authority of $38,822,000.

Program costs for this period were $38,571,273, and with the addition of $147,782 net obligations incurred for costs of other years, the total amount obligated during fiscal 1968 was $38,719,055, or 99.7 percent of new obligational authority. Costs and obligations reflect $12,000 comparative transfer to Salaries and Expenses, General Administration, Department of Commerce.

Compensation for an average of 2,657 employees accounted for 71 percent of total operating expenses; related costs of employee life insurance, health benefits, retirements, Federal Insurance Contribution

Act taxes, awards, and Employees' Compensation Fund payments for 6 percent; printing and reproduction for 17 percent; and all other operating costs for 6 percent.

During the year the Office received $24,783,492 in fees and deposits from all sources. Refund of $130,422 and a net increase of $126,697 in the deposit fund for unapplied receipts resulted in a net income of $24,-526,373. This exceeded by $860,311 the previous record-high amount of $23,666,062 for fiscal 1967 and reflected the higher fee structure under Public Law 89–83, which was effective October 25, 1965. Net income for 1968, the second full year under the higher fee structure, was equivalent to about 64 percent of operating costs.

General Administration

During the year, the move of the Patent Office from the U.S. Department of Commerce Building and other scattered locations in Washington to Crystal Plaza, Arlington, Virginia, continued. A total of 2,391 out of 2,794 employees—85 percent of the work force—had been moved as of June 30. Transfer of additional organizational units was scheduled in July and August with only the Patent Copy Sales Branch and the Reproduction Section of the Document Services Branch to remain indefinitely in the Commerce Building pending further development of the automated copy fulfillment system.

For the first time since 1932, the Patent Office has consolidated most of its operations at a single location in modern office space, resulting in a greater efficiency and economy of operation.

STATISTICAL DATA

Inventory of Pending Patent and Design Applications as of June 30, 1968

Status	Patents incl. plants and reissues	Designs
Normal Working Inventory:		
In process, before receipt by Examiner	24,949	1,039
Awaiting First Action by Examiners [1]	36,680	291
Total	61,629	1,330
Backlog: Awaiting First Action by Examiners [2]	55,925	854
Under Examination:		
Amended, awaiting action by examiner	15,510	249
Awaiting action by others (i.e., applicant, in interference, on appeal, clerical processing)	56,845	1,745
Total under examination	72,355	1,994
Total	189,909	4,178
Post Examination:		
Allowed, on hand in the examining groups	3,376	140
Awaiting payment of issue fee	16,713	.....
Awaiting issuance, fee paid prior to June 30	7,566	.....
Applications awaiting entry of amendment (Rule 312)	387	.....
D–10's (secret cases in condition for allowance)	3,009	.....
Total	220,960	4,318

[1] Pendency: 0–8 months for patents, 0–3 months for Designs.
[2] Pendency: Over 8 months for patents, over 3 months for Designs.

Summary of Patent and Design Examining Activities, Fiscal Years 1966–68

Item	1966	1967	1968	Annual Average 1959–68
Patents:				
Applications filed:				
With fee:				
General, mechanical, chemical, electrical	92,183	88,167	90,252	84,151
Plants	103	100	107	118
Reissues	266	241	304	250
No fees required:				
(35 U.S.C. 266)	*498	...	...	...
(C.G. decisions)	341	...	...	...
Total	93,391	88,508	90,663	85,881
Applications allowed	64,188	65,951	72,205	57,627
Applications abandoned	26,871	30,860	29,307	29,978
Total disposals	91,059	96,811	101,512	87,605
Patents issued:				
With fee:				
General, mechanical, chemical, electrical	65,237	70,022	61,596	53,667
Plants	105	102	67	110
Reissues	238	180	185	192
No fee required:				
(35 U.S.C. 266)	613	...	...	...
(C.G. decisions)	385	...	...	...
Total	66,578	70,304	61,848	55,233
Patents withheld for non payment of final fee (35 U.S.C. 151)	1,503	2,411	1,578	1,491
Designs:				
Applications filed	5,187	4,774	4,889	4,921
Applications allowed	3,200	3,200	3,862	2,988
Applications abandoned	2,071	1,915	1,877	2,215
Design patents issued	3,638	2,840	3,539	2,844

*No applications filed without fee pursuant to Public Law 89–83 effective October 25, 1965.

Applications for Patents Filed, Fiscal Years

Year	Inventions	Plants	Reissues	Total	Designs
1949	66, 091	81	120	66, 292	6, 883
1950	69, 025	92	178	69, 295	7, 307
1951	63, 000	77	160	63, 237	4, 871
1952	60, 107	93	186	60, 386	4, 606
1953	70, 025	99	219	70, 343	5, 433
1954	74, 987	90	194	75, 271	5, 501
1955	78, 386	94	230	78, 710	5, 523
1956	75, 420	117	196	75, 733	5, 322
1957	73, 495	99	189	73, 783	4, 675
1958	76, 565	129	262	76, 956	4, 838
1959	77, 978	126	259	78, 363	4, 994
1960	78, 995	117	219	79, 331	4, 567
1961	80, 842	106	223	81, 171	4, 605
1962	84, 864	131	270	85, 265	4, 963
1963	84, 620	149	277	85, 046	4, 841
1964	87, 482	147	207	87, 836	5, 067
1965	88, 908	89	237	89, 234	5, 319
1966	93, 022	103	266	93, 391	5, 187
1967	88, 167	100	241	88, 508	4, 774
1968	90, 252	107	304	90, 663	4, 889

Patents Granted, Fiscal Years [1]

Year	Inventions	Plants	Reissues	Total	Designs
1949	30, 393	53	118	30, 564	4, 251
1950	38, 464	106	113	38, 683	4, 826
1951	45, 447	61	138	45, 646	4, 604
1952	42, 963	91	133	43, 187	3, 344
1953	42, 480	91	163	42, 734	2, 827
1954	38, 499	87	167	38, 753	2, 573
1955	29, 473	116	186	29, 775	2, 533
1956	40, 465	88	141	40, 694	3, 104
1957	44, 819	120	163	45, 102	2, 375
1958	43, 407	110	159	43, 676	2, 572
1959	52, 184	128	170	52, 482	2, 508
1960	50, 322	107	178	50, 607	2, 685
1961	47, 222	110	160	47, 492	2, 488
1962	51, 065	88	190	51, 343	2, 336
1963	53, 958	114	215	54, 287	2, 411
1964	44, 050	147	203	44, 400	3, 019
1965	52, 914	127	204	53, 245	2, 979
1966	66, 243	105	238	66, 586	3, 638
1967	70, 028	102	180	70, 310	2, 840
1968	61, 599	67	185	61, 851	3, 539

[1] Includes withdrawn numbers.

Patent Applications Pending on June 30, of Year Indicated [1]

Year	Total pending [2]	Awaiting action by examiner [3]	Year	Total pending [2]	Awaiting action by examiner [3]
1949	232, 171	140, 711	1959	198, 248	87, 146
1950	219, 334	124, 823	1960	195, 885	87, 122
1951	201, 382	108, 996	1961	200, 934	90, 917
1952	185, 084	96, 836	1962	197, 397	100, 841
1953	182, 650	98, 878	1963	209, 131	117, 610
1954	194, 620	116, 392	1964	219, 691	127, 154
1955	221, 872	139, 931	1965	206, 922	147, 473
1956	217, 536	121, 847	1966	209, 254	145, 101
1957	215, 535	106, 523	1967	200, 739	134, 346
1958	207, 166	88, 804	1968	189, 909	108, 115

[1] Does not include allowed applications and design applications.
[2] Includes applications in preexamining processes.
[3] Includes cases in which Office actions were suspended under rule 103 through 1965.

EXAMINING AND DOCUMENTATION CONTROL

Documentation Activity, Fiscal Years 1964–68

Activity	1964	1965	1966	1967	1968
Classes abolished	3	8	5	1	4
Original patents	13, 776	36, 174	55, 556	11, 854	46, 058
Cross-reference patents	11, 395	26, 125	58, 622	14, 441	65, 760
Classes established	4	6	4	3	4
Subclasses	824	1, 346	1, 400	1, 039	1, 431
Original patents	23, 042	50, 085	58, 444	25, 676	54, 921
Cross-reference patents	62, 988	57, 575	85, 312	38, 417	88, 777
Foreign patents	50, 435	66, 399	85, 815	56, 507	86, 182
Miscellaneous subclasses:					
Established	440	334	420	492	494
Original patents	12, 323	11, 541	10, 009	12, 459	15, 679
Cross-reference patents	31, 232	14, 999	19, 339	21, 938	31, 342
Miscellaneous patents transferred	9, 479	10, 883	10, 317	10, 582	13, 669
Assignment decisions:					
Written	74	75	29	12	0
Oral	7, 811	7, 186	7, 481	6, 571	5, 819
Letters of inquiry answered	1, 014	853	920	766	738

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Pending Trademark Applications as of June 30, 1968

Status	For Registration	For Renewal	Under Sec. 12(c)	Sec. 8 Affidavits
Normal Working Inventory:				
In process, before receipt by examiner	3,586	200	3	458
Awaiting first action by examiner [1]	3,992	529	52	540
Total	7,578	729	55	998
Backlog: Awaiting first action by examiner [2]	8,106	.....	27	.....
Under Examination:				
Amended, awaiting action by examiner	3,059	.....	.....	.....
Awaiting action by others (i.e., applicant, on appeal, in adversary proceedings, clerical processing)	11,997	92	.....	246
Total under examination	15,056	92	.....	246
Total	30,740	821	82	1,244
Post Examination (includes applications in all phases of publication and issue)	8,279	500	20	.....
Total	39,019	1,321	102	1,244

[1] Pendency: 0–3 months.
[2] Pendency: over 3 months.

Summary of Trademark Examining Activities, Fiscal Years 1966–68

Item	1966	1967	1968	Annual Average 1959–26
Applications for registration filed	28, 438	27, 628	28, 292	25, 433
Disposal of trademark applications:				
Applications maturing to registration	19, 400	20, 969	21, 499	19, 150
Applications abandoned	5, 666	6, 551	5, 859	5, 239
Certificates of registration issued:				
1946 act, principal register	17, 488	19, 183	19, 274	17, 782
1946 act, supplemental register	1, 181	1, 420	1, 111	1, 020
Total	18, 669	20, 603	20, 385	18, 802
Renewal of registration:				
Applications filed	3, 695	3, 844	4, 089	3, 401
Applications abandoned	119	117	87	74
Registrations renewed	3, 440	3, 820	3, 726	3, 282
Affidavits for benefits under sec. 12(c):				
Affidavits filed	518	341	231	360
Affidavits abandoned	2	6	1	3
Published under sec. 12(c)	497	403	290	397
Affidavits, sec. 8:				
Affidavits filed	13, 705	11, 956	12, 116	12, 993
Affidavit disposal	13, 189	12, 469	11, 738	12, 948

Applications for Trademark Registrations, Renewals, and Sec. 12(c) Affidavits, Fiscal Years

Year	For registration	For renewal	For benefits under sec. 12 (c)	Affidavits received under sec. 8	Year	For registration	For renewal	For benefits under sec. 12 (c)	Affidavits received under sec. 8
1949	20, 141	4, 011	4, 225	.....	1959	22, 243	3, 321	447	11, 548
1950	18, 755	3, 731	2, 206	.....	1960	23, 242	3, 972	419	12, 573
1951	15, 962	3, 310	1, 379	.....	1961	23, 169	3, 476	423	14, 581
1952	16, 126	3, 383	1, 164	.....	1962	24, 866	3, 138	337	14, 720
1953	17, 400	3, 075	1, 309	1, 424	1963	24, 224	2, 604	311	12, 752
1954	19, 715	3, 887	1, 626	16, 491	1964	25, 574	2, 824	261	12, 055
1955	21, 515	3, 931	1, 287	17, 773	1965	26, 657	3, 049	308	13, 923
1956	21, 735	3, 675	808	12, 040	1966	28, 438	3, 695	518	13, 705
1957	21, 581	3, 638	843	12, 873	1967	27, 628	3, 844	341	11, 156
1958	21, 770	3, 237	556	12, 126	1968	28, 292	4, 089	231	12, 116

Trademarks Registered, Renewed and Published Under Sec. 12(c), Fiscal Years [1]

Year	Registered	Renewed	Published under sec. 12(c)	Year	Registered	Renewed	Published under sec. 12(c)
1949	14,450	4,735	20,819	1959	17,685	3,249	529
1950	16,378	3,573	4,873	1960	18,989	3,614	479
1951	17,869	3,487	1,589	1961	17,406	3,749	451
1952	16,400	3,314	1,304	1962	15,909	3,071	331
1953	16,273	3,268	1,157	1963	18,266	2,450	322
1954	15,197	2,918	1,383	1964	20,689	2,834	329
1955	16,109	4,588	1,544	1965	19,452	2,870	336
1956	21,613	3,315	885	1966	18,671	3,441	497
1957	17,864	4,041	877	1967	20,604	3,820	403
1958	15,979	3,172	555	1968	20,385	3,726	290

[1] Includes withdrawn numbers.

Actions on Petitions to Commissioner

Acceptance of late priority papers	38
Access	3
Certificates of corrections	9,376
Deferment of issue	51
Express abandonment	27
Extensions of time	687
Filing date	219
Final fee—late payment	428
Interference	169
Make special	189
Public use	14
Reinstatement of appeals	13
Revivals	1,058
Supervisory authority	153
Withdrawals of attorney	2,246
Total	14,671

(Pending petitions awaiting action—178.)

Summary of Contested Cases in Patent Office During Fiscal Year 1968

Patent cases before the Board of Appeals:		
Pending July 1, 1967		4,336
Filed July 1, 1967–June 30, 1968:		
Ex parte appeals	7,360	
Reconsideration	415	7,775
Total		12,111
Disposals:		
Examiner affirmed	2,026	
Examiner affirmed-in-part	296	
Examiner reversed	572	
Dismissed	1,435	
Suspended	8	
Withdrawn	4,120	[1] 8,921
Pending June 30, 1968		3,190
Cases before the Board of Patent Interferences:		
Pending July 1, 1967		1,104
Filed July 1, 1967–June 30, 1968: Inter partes cases		478
Total		1,582
Disposals		615
Pending June 30, 1968		[2] 882

Cases before the Trademark Trial and Appeal Board:

	Ex Parte	Cancel.	Concur.	Inter Partes Interfer.	Oppositions	Total
Pending July 1, 1967	231	272	7	88	1,305	1,903
Filed July 1, 1967–June 30, 1968:						
Ex parte appeals	288					288
Inter partes cases		224	20	91	1,033	1,368
Total	519	496	27	179	2,338	3,559
Disposals	355	232	9	95	1,169	1,860
Pending June 30, 1968	164	264	18	84	1,169	1,699

[1] 464 Reconsiderations included
[2] Inventory Adjustment—85

Cases in Litigation (Courts)

	Administrative Review	Patent	Trademark	Total
Supreme Court of the United States				
Petitions for writ of certiorari:				
Pending July 1, 1967	—	1	0	1
Filed July 1, 1967–June 30, 1968	—	4	0	4
Total	—	5	0	5
Denied	—	4	0	4
Granted	—	1	—	1
Total	—	5	0	5
Pending June 30, 1968	—	0	0	0
United States Court of Appeals—District of Columbia Circuit				
Cases Pending July 1, 1967	3	7	0	10
Appeals Taken July 1, 1967–June 30, 1968	6	2	0	8
Total	9	9	0	18
Cases disposed of:				
Affirmed	5	6	0	11
Dismissed	0	0	0	0
Remanded	0	0	0	0
Reversed	0	1	0	1
Total	5	7	0	12
Pending Jume 30, 1968	4	2	0	6
United States District Court for the District of Columbia				
Pending July 1, 1967	7	151	—	158
Filed July 1, 1967–June 30. 1968	6	63	3	72
Total	13	214	3	230
Cases disposed of:				
Affirmed	0	11	—	11
Affirmed-in-part	0	1	—	1
Reversed	1	4	—	5
Dismissed on:				
Plaintiff's motion	1	5	—	6
Defendant's motion	4	1	—	5
Stipulation of counsel	2	73	—	75
Want of prosecution	0	2	—	2
Total	8	97	—	105
Pending June 30, 1968	5	117	3	125

Notices of appeals to U.S. Court of Customs and Patent Appeals

Received July 1, 1967–June 30, 1968:

Ex parte patents and trademarks=190 (20 not perfected)
Inter partes patents =21 (0 not perfected)
Inter partes trademarks =57 (2 not perfected)

Cases in Litigation (Courts)—Continued

	Ex parte		Inter partes		Total
	Patent	Trade-mark	Patent	Trade-mark	
United States Court of Customs and Patent appeals					
Cases pending July 1, 1967	252	17	35	54	358
Filed July 1, 1967 thru June 30, 1968	147	13	16	39	215
Total	399	30	51	93	573
Cases disposed of:					
Affirmed	68	2	8	9	87
Affirmed-in-part	6	0	0	1	7
Remanded	4	0	0	0	4
Reversed	17	1	2	9	29
Dismissed:					
On appellant's motion	22	0	2	2	26
On want of prosecution	17	1	0	0	18
Total	134	4	12	21	171
Pending July 1, 1968	265	26	39	72	402

Litigation Report, Other Jurisdiction, July 1, 1967–June 30, 1968 (Cases Reported)

Month	Patent suits				Trademark suits			
	Filed	Pat's Inv'd	Decs.	Pat's Inv'd	Filed	TM's Inv'd	Decs.	TM's Inv'd
July	65	86	20	30	29	98	8	14
Aug	23	39	3	3	14	37	5	14
Sept	54	82	19	27	17	59	12	17
Oct	85	147	48	52	22	50	35	80
Nov	70	94	46	68	26	64	6	15
Dec	25	41	15	27	11	28	4	18
Jan	188	270	97	163	71	183	24	59
Feb	58	79	30	35	19	61	4	5
Mar	62	91	32	52	30	57	19	75
Apr	74	107	36	48	27	62	11	22
May	81	116	36	53	27	88	10	77
June	74	112	48	79	31	74	13	26
Total	859	1,264	430	637	324	861	151	422

Patents Issued to Residents of United States, Puerto Rico and Other Areas Under the American Flag, Calendar Years 1958–1967 (Excludes Designs, Plants and Reissues)

States and territories	1958*	1959	1960	1961	1962	1963	1964	1965	1966	1967
Alabama	181	206	185	167	209	178	153	236	232	248
Alaska	10	14	8	13	18	7	9	13	14	19
American Samoa	...	...	...	...	...	...	...	...	...	2
Arizona	109	138	117	138	164	190	188	249	290	356
Arkansas	70	68	49	73	92	69	63	85	74	56
California	4,678	4,797	4,390	4,649	5,162	4,358	4,603	6,304	6,777	6,264
Canal Zone	1	2	1	...	1	...	...	...	...	13
Colorado	263	250	185	241	262	233	222	333	321	325
Connecticut	1,434	1,404	1,329	1,313	1,545	1,136	1,305	1,742	1,859	1,677
Delaware	381	360	359	394	526	359	373	479	608	595
District of Columbia	225	231	199	185	169	145	157	181	161	236
Florida	496	493	465	506	600	528	590	725	790	832
Georgia	194	151	171	184	222	186	174	276	284	310
Guam	...	...	...	1	...	...	...	1	...	5
Hawaii	22	20	13	26	28	20	20	13	25	19
Idaho	54	57	45	41	61	53	40	46	52	48
Illinois	4,053	4,209	3,602	3,456	3,991	3,288	3,450	4,508	4,561	4,161
Indiana	1,080	1,179	1,023	1,061	1,229	994	979	1,286	1,375	1,219
Iowa	413	425	394	371	414	286	341	490	443	395
Kansas	238	247	225	197	263	181	211	270	314	273
Kentucky	207	263	234	252	294	253	235	302	355	381
Louisiana	248	302	236	280	258	249	221	289	322	367
Maine	65	48	56	53	62	48	61	62	72	80
Maryland	691	764	709	780	807	692	760	1,013	1,073	1,058
Massachusetts	1,800	1,826	1,626	1,717	1,852	1,647	1,713	2,095	2,386	2,149
Michigan	2,903	2,968	2,542	2,569	2,931	2,347	2,433	3,135	3,494	3,164
Minnesota	696	704	666	635	827	710	724	982	1,069	985
Mississippi	49	43	41	41	36	48	45	50	50	65
Missouri	782	696	588	586	644	559	567	685	864	827

Montana	58	55	54	39	53	32	44	26	37	57
Nebraska	102	112	85	84	112	103	85	115	144	161
Nevada	30	34	31	16	32	34	28	40	47	50
New Hampshire	108	125	100	107	124	109	92	135	153	157
New Jersey	3,694	3,851	3,429	3,379	3,707	2,850	3,132	3,987	4,512	4,370
New Mexico	94	88	82	90	103	77	103	108	115	120
New York	5,723	5,536	4,914	4,924	5,538	4,432	4,579	5,812	6,202	5,503
North Carolina	283	283	267	287	330	276	315	405	467	586
North Dakota	49	33	32	34	43	40	36	32	40	46
Ohio	3,679	3,576	3,203	3,284	3,589	2,918	2,665	3,574	3,812	3,482
Oklahoma	558	711	633	644	744	624	579	865	937	878
Oregon	334	318	232	238	256	222	243	296	329	319
Pennsylvania	3,201	3,392	3,016	3,115	3,480	2,753	2,854	3,901	4,131	3,824
Puerto Rico	10	8	8	6	13	7	8	15	19	23
Rhode Island	221	194	181	166	222	161	193	198	247	237
South Carolina	137	102	99	108	124	123	127	158	200	222
South Dakota	50	45	37	37	32	37	30	37	34	51
Tennessee	347	324	322	305	307	321	273	367	489	435
Texas	1,236	1,275	1,219	1,291	1,532	1,340	1,271	1,578	1,806	1,769
Utah	65	65	76	86	116	99	99	136	155	128
Vermont	48	43	32	30	44	30	40	57	48	47
Virginia	353	360	415	446	492	408	449	656	738	781
Virgin Islands	2	4	4	1	.....	.....	1	.....	1	2
Washington	433	396	380	340	434	337	361	448	506	445
West Virginia	165	228	173	213	306	177	188	218	266	245
Wisconsin	1,065	1,153	962	926	1,147	883	947	1,277	1,303	1,171
Wyoming	33	23	17	24	24	19	25	35	24	29
U.S. Air Force	.....	.....	.....	.....	2	.....	5	.....	3	.....
U.S. Army	3	4	3	5	5	.....	.....	1	.....	2
U.S. Navy	5	4	8	.....	1	.....	1	5	4	5
Total	43,429	44,207	39,472	40,154	45,579	37,176	38,410	50,332	54,634	51,274

*1958 Includes patents, plants and designs.

United States Patent Applications Filed by Residents of Foreign Countries, Calendar Years 1963–1967

Country	1963	1964	1965	1966	1967
Algeria	1	.....	.....	1	.....
Argentina	79	61	53	40	35
Australia	204	194	225	220	263
Austria	206	195	229	232	273
Belgium	260	250	286	303	319
Bermuda	3	.....	2	.....	.....
Bolivia	.....	3	1	2	1
Brazil	30	13	33	35	30
British West Indies	5	8	2	.....	6
Bulgaria	1	1	7	7	11
Canada	1,574	1,595	1,695	1,323	1,456
Ceylon	.....	.....	.....	1	.....
Chile	5	7	5	13	7
China, Rep. of	3	8	8	16	13
Colombia	3	6	5	6	6
Costa Rica	3	.....	1	1	2
Cyprus	.....	.....	1	.....	.....
Czechoslovakia	66	113	186	180	160
Denmark	129	175	165	172	168
Dominican Republic	2	.....	.....	.....	.....
Ecuador	.....	3	.....	.....	.....
El Salvador	2	2	.....	.....	5
Ethiopia	.....	.....	.....	1	.....
Finland	32	41	44	52	73
France	1,874	2,084	2,246	2,174	2,385
Germany, Fed. Rep. of	4,635	4,983	5,731	5,504	5,734
Greece	7	14	14	14	9
Guatemala	5	....	5	1	1
Haiti	1	1	.....	2	2
Honduras	.....	1	.....	4	.....
Hong Kong	7	13	9	15	7
Hungary	33	31	37	48	66
Iceland	2	.....	1	7	2
India	14	11	10	25	32
Indonesia	.....	.....	1	1	.....
Iran	3	.....	.....	2	4
Ireland	1	.....	.....	30	27
Israel	83	69	94	86	64
Italy	794	718	811	849	866
Jamaica	.....	.....	.....	2	4
Japan	1,943	2,147	2,263	2,479	3,354
Kenya	2	1	.....	1	4
Korea	3	2	1	5	2
Lebanon	.....	1	....	6	3
Liberia	.....	.....	1	.....	.....
Liechtenstein	15	25	24	18	13
Luxembourg	4	1	7	5	.....
Malaysia	.....	1	.....	.....	2
Mali	.....	.....	.....	2	.....
Mexico	225	136	83	97	78
Monaco	7	6	3	5	2
Morocco	3	3	5	4	1
Netherlands	599	713	690	652	711
New Zealand	16	30	27	20	22
Nicaragua	.....	2	2	1	.....
Nigeria	2	.....	1	1	1
Norway	92	90	96	63	90
Pakistan	.....	2	2	1	.....

United States Patent Applications Filed by Residents of Foreign Countries, Calendar Years 1963–1967

Country	1963	1964	1965	1966	1967
Panama	.....	.....	1	1	.....
Peru	7	8	16	4	7
Philippines	6	1	2	12	4
Poland	12	31	27	50	48
Portugal	.....	4	18	11	12
Rhodesia and Nyasaland	3	5	1	3	3
Rumania	7	12	15	15	45
Saudi Arabia	1	.....	.....	3	4
South Africa, Rep. of	108	95	99	83	101
Singapore	1	.....	.....	4	.....
Spain	91	84	93	116	106
Sudan	.....	.....	1	.....	.....
Sweden	658	726	833	858	825
Switzerland	1,243	1,341	1,377	1,399	1,513
Thailand	.....	.....	1	.....	.....
Turkey	.....	3	5	1	3
Union of Soviet Soc. Rep	134	262	215	112	427
United Arab Rep	1	1	3	.....	.....
United Kingdom	3,871	4,241	4,481	4,238	4,597
Uruguay	5	5	1	.....	2
Venezuela	13	12	12	15	9
Vietnam (South)	.....	.....	1	1	.....
Yugoslavia	13	7	10	7	17
Other	2	3	2	.....	9
Total	19,154	20,601	22,326	21,662	24,046

Patents Issued by the United States to Residents of Foreign Countries, Calendar Years 1958–1967 (Excludes Plants, Designs and Reissues)

Country	1958*	1959	1960	1961	1962	1963	1964	1965	1966	1967
Algeria					2	3		2		
Argentina	49	31	30	16	14	19	27	18	20	16
Australia	44	48	45	58	82	69	80	110	110	151
Austria	83	85	58	86	125	86	91	143	128	151
Belgium	83	95	75	106	106	85	131	184	185	176
Bermuda	1	2	4	5		3	2	3	2	1
Bolivia	1									1
Borneo						1				
Brazil	13	15	5	8	19	17	10	11	17	12
British West Indies	6	5	1	4	3	5	8	3	1	4
Bulgaria					1		1	1		5
Burma					1					
Cameroun	2			1					1	
Canada	591	645	609	615	686	606	648	853	937	991
Ceylon						1				
Chile	4	3	3	2	5	1	1	3	1	3
China, Rep. of	1	1	3	3	2	4	3	4	2	9
Colombia	3	6	3	1	3	2	3	5	8	4
Congo	1						3			
Costa Rica		1	1	2		1		2		2
Cuba	17	28	9	9	13	8	1	1		
Czechoslovakia	31	38	44	62	49	44	34	52	38	96
Denmark	55	53	54	64	64	70	63	88	101	123
Dominican Republic	1						2	1		
Ecuador		2	1	1		1			2	2
El Salvador					1	1		1	1	4
Finland	14	7	17	13	18	18	9	22	27	34
France	766	871	816	882	1,039	854	1,013	1,372	1,436	1,558
Germany, Fed. Rep	1,893	2,299	2,168	2,306	2,847	2,338	2,420	3,388	3,981	3,766
Greece	1	7	4	6	3	7	1	5	5	13
Guatemala	2	1				2			5	5

Haiti		1							2	2
Honduras					1				1	
Hong Kong	3	5	3	2	4	6	5	6	8	12
Hungary	10	13	17	20	17	13	20	20	31	23
Iceland	2	1	1	1			2	3	2	1
India	3	4	2	1	7	4	7	8	5	10
Indonesia	1	2	2						5	12
Iran		1	1	1		1	1	1	2	3
Ireland	1	2	4			1	10	5	9	8
Israel	12	21	8	12	17	20	26	33	45	53
Italy	223	235	249	257	388	345	308	414	429	471
Jamaica										1
Japan	143	142	196	250	421	407	545	919	1,122	1,424
Kenya			1	1	1		3		2	1
Korea		1			2		3	2	2	
Lebanon		5	3		4	4			1	
Libya						1		1		
Liechtenstein	6	11	10	3	12	5	10	14	12	13
Luxembourg	1			3	3	5	4	3	6	7
Madagascar	1									
Malaya	2	3	1			1		2	2	
Mexico	35	39	32	45	91	92	72	87	99	43
Monaco	2		2	3	1	1	2	2	6	3
Morocco	8	2	4	5	3	3	3	6	6	3
Netherlands	422	437	369	402	483	329	356	519	482	507
New Caledonia		1								
Newfoundland									1	
New Zealand	8	12	13	7	10	12	12	17	10	15
Nicaragua									2	4
Nigeria			1							2
Norway	45	45	38	46	39	33	43	52	59	49
Pakistan			1	2	5	2		1	2	2
Panama	1			1	2	2	2	1	1	
Peru	6	2	5	1	2	1	5	5	2	5
Philippines, Rep. of	3	2	1	4	1	7	5	2	4	1
Poland			1	2		3	1	9	10	12
Portugal	5	1		2	3	3	2	2	4	1

See footnote at end of table.

Patents Issued by the United States to Residents of Foreign Countries, Calendar Years 1958–1967 (Excludes Plants, Designs and Reissues)—Continued

Country	1958*	1959	1960	1961	1962	1963	1964	1965	1966	1967
Rhodesia	3		7	2	3	5	3	4	2	2
Rumania					1	2	2	2	4	6
Saudi Arabia	1						1		1	
Senegal						1				
Singapore			2							1
South Africa, Rep	15	20	19	30	33	30	34	69	48	52
Spain	25	20	10	24	18	26	19	49	50	46
Sudan			1							
Sweden	343	438	348	358	414	386	368	562	537	574
Switzerland	651	585	541	617	771	668	667	862	983	948
Syria					1					
Thailand			1	1						
Trinidad-Tobago							1		2	
Tunisia				1		1		1		1
Turkey	2		1		1		2		2	4
Uganda									1	
Union of Sov. Soc. Rep					3	15	12	28	66	115
United Arab Rep	2	1	1	1	2		1	1	3	4
United Kingdom	1,734	1,888	1,837	1,843	2,248	1,810	1,839	2,574	2,677	2,799
Uruguay	5	7	3	3	4	3	3	3	2	1
Venezuela	9	8	12	10	10	9	12	11	7	5
Yugoslovia		3		3	3	2	4	3	4	4
Zambia									1	1
Total	7,395	8,201	7,698	8,214	10,112	8,505	8,966	12,525	13,772	14,378

*1958 Includes Patents, Plants and Designs.

United States Trademark Applications and Registrations, Foreign Residents, Calendar Years 1965–1967

	Applications			Registrations		
	1965	1966	1967	1965	1966	1967
Argentina	9	10	16	17	8	6
Australia	18	23	22	15	20	21
Austria	18	20	22	20	16	12
Belgium	22	23	21	15	26	11
Bermuda	3	1	1	.....	3	.....
Brazil	13	7	5	7	7	5
British West Indies	5	2	3	.....	1	2
Bulgaria	.....	.....	1	.....	.....	.....
Canada	204	208	206	134	138	168
Central African Republic	.....	13	.....	.....	.....	.....
Ceylon	.....	.....	1	.....	.....	.....
Chile	2	2	.....	1	2	3
China (National Republic)	.....	4	.....	.....	.....	.....
Colombia	3	1	.....	3	1	1
Cuba	.....	1	.....	.....	.....	.....
Czechoslovakia	6	17	4	3	5	9
Denmark	30	23	19	21	18	27
Ecuador	.....	.....	.....	.....	.....	1
Finland	6	6	5	.....	3	6
France	241	277	222	195	214	206
Germany, Federal Republic of	295	307	316	280	254	272
Greece	1	1	3	11	1	.....
Guatemala	.....	.....	.....	1	.....	.....
Hong Kong	.....	5	9	3	3	8
Hungary	.....	.....	1	.....	.....	.....
India	.....	.....	.....	1	.....	.....
Ireland	12	4	5	3	5	4
Israel	.....	5	4	.....	1	2
Italy	128	108	113	49	70	130
Japan	146	196	247	120	136	111
Korea	.....	1	.....	.....	.....	1
Kuwait	.....	.....	.....	1	2	.....
Liechtenstein	12	5	5	9	10	7
Luxembourg	1	.....	1	1	.....	.....
Mexico	15	14	40	4	12	8
Monaco	.....	5	2	1	3	1
Morocco	.....	.....	1	.....	.....	1
Netherlands	58	67	49	43	49	52
New Zealand	3	1	3	4	3	1
Norway	13	13	14	5	16	5
Pakistan	.....	1	.....	.....	.....	1
Panama	1	2	2	.....	.....	3
Philippines	3	.....	.....	2	1	.....
Poland	.....	2	10	1	.....	5
Portugal	11	12	4	4	9	5
Rumania	.....	.....	.....	.....	1	.....
South Africa, Republic of	21	14	15	10	8	28
Rhodesia	1	.....	.....	.....	1	.....
Spain (Canary Islands)	37	32	36	24	15	40
Sweden	39	58	54	39	31	42
Switzerland	126	161	154	109	85	107
Tanzania, Republic of	2	.....	.....	.....	1	1
Thailand	.....	.....	1	.....	1	.....
Trinidad & Tobago	.....	1	.....	.....	.....	1
Union of Soviet Soc. Republics	1	.....	2	.....	.....	1

	Applications			Registrations		
	1965	1966	1967	1965	1966	1967
United Kingdom	334	419	359	239	265	259
Uruguay	1	1				1
Venezuela	2	2	1	1	2	1
Yugoslavia		3				
Other		1			2	
Total	1,843	2,079	1,999	1,396	1,449	1,567

Average Number of All Employees, Fiscal Years 1964–1968

	1964	1965	1966	1967 [2]	1968 [2]
Examination and issuance of patents:					
Patent Examining Corps	1,435	1,449	1,449	1,458	1,538
Patent Documentation Operation	128	123	131	135	137
Office of Patent Services	416	443	457	471	484
Board of Appeals	59	56	52	50	51
Board of Patent Interferences	20	20	19	19	19
Administrative support [1]	251	263	272	268	291
Subtotal	2,309	2,354	2,380	2,401	2,520
Examination and registration of trademarks:					
Trademark Examining Operation	102	101	99	99	107
Trademark Trial and Appeal Board	14	15	13	14	15
Administrative support [1]	13	14	14	14	15
Subtotal	129	130	126	127	137
Total	2,438	2,484	2,506	2,528	2,657
Patent professional	1,226	1,218	1,210	1,207	1,248
Trademark professional	48	47	46	45	53
All other	1,164	1,219	1,250	1,276	1,356
Total	2,438	2,484	2,506	2,528	2,657

[1] See the following table:

Administrative support operations prorated to activities:					
Office of Commissioner	26	27	34	36	49
Office of Solicitor	21	22	21	21	19
Office of Research, Development, and Analysis	98	105	100	95	98
Office of Administration	119	123	131	130	140
Total	264	277	286	282	306
Examination and issuance of patents	251	263	272	268	291
Examination and registration of trademarks	13	14	14	14	15
Total	264	277	286	282	306

[2] Reflects comparative transfer to other accounts.

End of Year Employment, Fiscal Years 1964–1968

	1964	1965	1966	1967 [2]	1968 [2]
Examination and issuance of patents:					
Patent Examining Corps	1,456	1,494	1,497	1,560	1,605
Patent Documentation Operation	124	131	133	142	147
Office of Patent Services	446	497	481	511	512
Board of Appeals	57	54	49	53	46
Board of Patent Interferences	20	20	22	20	21
Administrative support [1]	265	276	276	302	322
Subtotal	2,368	2,742	2,458	2,588	2,653
Examination and registration of trademarks:					
Trademark Examining Operation	103	102	98	111	107
Trademark Trial and Appeal Bd	14	14	14	17	17
Administrative support [1]	14	15	14	16	17
Subtotal	131	131	126	144	141
Total	2,499	2,603	2,584	2,732	2,794
Patent professional	1,246	1,244	1,225	1,239	1,300
Trademark professional	48	45	46	54	55
All other	1,205	1,314	1,313	1,439	1,439
Total	2,499	2,603	2,584	2,732	2,794

[1] See the following table:

Administrative support operations prorated to activities:					
Office of Commissioner	33	39	36	41	53
Office of Solicitor	22	22	25	22	22
Office of Research, Development, and Analysis	102	95	98	109	105
Office of Administration	122	135	131	146	159
Total	279	291	290	318	339
Examination and issuance of patents	265	276	276	302	322
Examination and registration of trademarks	14	15	14	16	17
Total	279	291	290	318	339

[2] Reflects comparative transfer to other accounts.

Operating Cost, Fiscal Years 1964–1968 (in thousands of dollars)

	1964	1965	1966	1967 [2]	1968 [2]
Examination and issuance of patents:					
Patent Examining Corps	18,598	20,943	22,747	24,339	26,072
Patent Documentation Operation	1,416	1,504	1,577	1,686	1,817
Office of Patent Services	3,118	3,475	3,629	3,758	4,319
Board of Appeals	706	799	781	787	780
Board of Patent Interferences	229	268	282	289	282
Administrative support [1]	2,559	2,902	3,090	3,214	3,663
Subtotal	26,626	29,891	32,106	34,073	36,933
Examination and registration of trademarks:					
Trademark Examining Operation	998	1,043	1,065	1,110	1,252
Trademark Trial and Appeal Bd	150	171	173	182	193
Administrative support [1]	135	153	163	169	193
Subtotal	1,283	1,367	1,401	1,461	1,638
Total	27,909	31,258	33,507	35,534	38,571
Personnel compensation	20,972	23,238	23,996	25,334	27,544
Personnel benefits	1,596	1,711	1,787	1,987	2,157
Printing and reproduction	4,085	4,802	6,334	6,418	6,420
Other costs	1,256	1,507	1,390	1,795	2,450
Total	27,909	31,258	33,507	35,534	38,571

[1] See the following table:

Administrative support operations prorated to activities:					
Office of Commissioner	293	373	553	581	829
Office of Solicitor	287	326	310	335	330
Office of Research, Development, and Analysis	1,155	1,234	1,213	1,293	1,405
Office of Administration	959	1,122	1,177	1,174	1,292
Total	2,694	3,055	3,253	3,383	3,856
Examination and issuance of patents	2,559	2,902	3,090	3,214	3,663
Examination and registration of trademarks	135	153	163	169	193
Total	2,694	3,055	3,253	3,383	3,856

[2] Reflects comparative transfer to other accounts.

Summary of Patent Office Services Furnished for Fees or Without Charge to the Public and Government Agencies During Fiscal Year 1968

Item or service provided	Total supplied	Patent Office use	Furnished other Government agencies	Number for which charge was made
Prints furnished: Manuscripts, patents, publications, etc	6,055,581	1,377,014	.....	4,678,567
Certificates prepared	96,583	17	.....	96,566
Assignments:				
Abstract of title and title searches	1,105	.....	.....	1,105
Title reports	28,773	28,478	.....	295
Instruments recorded	65,367	.....	.....	65,367
Patents and trademarks:				
Orders	5,179,686	534,582	211	4,644,893
Foreign exchange	2,998,336	.....	2,998,336	.....
Library subscriptions	1,099,902	.....	.....	1,099,902
ROC	758,873	758,873	.....	.....
Archives	117,438	.....	117,438	.....
Total	10,154,235	1,293,455	3,115,985	5,744,795
Drawings and corrections	16,000	.....	.....	14,392

Income From Fees, Fiscal Years 1964–1968 (in thousands of dollars)

	1964	1965	1966	1967	1968
Patent filing fee, including extra claims.	2, 612	2, 671	5, 838	7, 354	7, 638
Patent issue fee, original or reissue, including extra claims and charges for printed pages of specifications and drawings[1]	1, 315	1, 643	5, 141	8, 365	9, 274
Patent copies	1, 494	1, 573	2, 680	2, 828	2, 568
Reproduction of records	1, 027	1, 095	1, 080	1, 079	1, 034
Trademark filing fee	639	667	907	969	998
Patent appeals, including filing of brief[2]	252	565	644	728	555
Recording assignments	211	227	990	1, 395	1, 476
Special service on orders	138	144	152	159	155
Design filing fee, including term extensions[3]	105	113	108	95	98
Trademark renewal fee	70	77	95	98	105
Certification of copies	89	97	106	114	107
Drawings and corrections	70	90	71	87	99
Subscription service for copies	33	29	9	34	34
Trademark copies	33	38	56	58	59
Trademark oppositons and cancellations	36	36	39	38	37
Title reports	21	24	10	.....	.....
Classified lists of patents	9	9	16	11	11
Airmail postage	8	8	9	9	7
Revival of abandoned patent applications	7	9	15	16	13
Patent reissue filing fee, including extra claims	7	6	19	25	21
Comparison of patent drawings	.....	11	30	25	30
Design issue fee[4]	.....	.....	35	63	103
Other fees	62	72	96	116	104
Total income	8, 238	9, 204	18, 146	23, 666	24, 526

[1] 1965 and prior years include income from additional charges for extra claims only. 1966 includes income from additional charges for extra claims until effective date of Public Law 89–83, October 25, 1965.

[2] Fee for filing of brief was established by Public Law 89–83.

[3] Fees for term extensions were in existence until effective date of Public Law 89–83.

[4] Fee established by Public Law 89–83.

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